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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

5-24-91

121

In re the Application of

Takehiko NAKA et al.

Serial No. 07/683,231

Filed: April 18, 1991

Group Art Unit: 123

Examiner: Not Known

SPRINGER

For: BENZIMIDAZOLE DERIVATIVES, THEIR PRODUCTION AND USE

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97(a)

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Pursuant to their duty of candor and good faith as set forth in 37 CFR 1.56(a), Applicants have provided the undersigned with the references cited on the attached PTO form 1449, copies of which are enclosed are for the convenience of the Examiner.

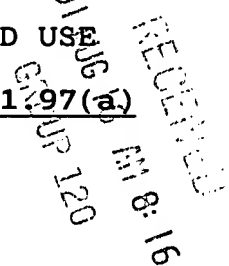
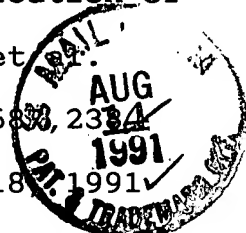
The reference AA discloses benzimidazole derivatives which have angiotensin II receptor blocking activity.

The references AH and AI disclose imidazole derivatives which have angiotensin II antagonistic activity.

The reference AJ discloses 4,5,6,7-tetrahydro-1H-imidazo [4,5-c]pyridine derivatives and analogs thereof which have antihypertensive activity.

The reference AK discloses imidazole derivatives which have angiotensin II receptor blocking activity.

The reference AL discloses tetrazole derivatives which are useful as intermediates in the preparation of antihypertensive compounds described in the reference AK.

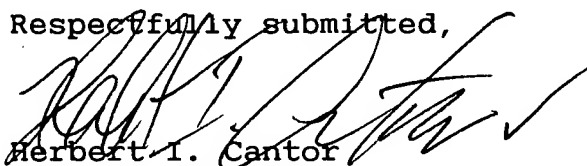


The reference AM discloses pyrrole, pyrazole and triazole derivatives which have angiotensin II antagonistic activity.

The seven references disclose compounds which have anti-hypertensive activity. However, none discloses a benzimidazole compound having a specific group, i.e., carboxyl, an ester thereof, an amide thereof, a group capable of forming an anion and a group convertible to an anion, on the 7 position of benzimidazole, as in the present invention.

Applicants respectfully request that the Examiner consider these references in connection with the examination of the above-identified application.

Respectfully submitted,


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Atty. Docket No. P4414-22823
Date: August 14, 1991
HIC:JET:jol/leg